



National  
Aeronautics and  
Space  
Administration

Patent Application

MSC-23309-1

(NASA Case No.)

### Letter Transmitting Patent Amendment

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents,

Alexandria, VA. 22313-1450, on 9/16/2004

James M. Cate  
James M. Cate

Serial No.: 10/087,866 Confirmation No.: 8743 Filed: 2/22/02

Examiner: Michael G. Mendoza Group Art Unit: 3761

Entitled: Method and Apparatus for Monitoring Oxygen Partial Pressure in Air Masks

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	* 10	** 57	= 0	x 18	= 0
INDEPENDENT CLAIMS ----	* 5	*** 6	= 0	x 86	= 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					0

\*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

\*\*\*Minimum number here is 3, even though a lesser number appeared in the application as filed.

☒ NASA Form 1625 authorizing payment for extension of time attached.

☒ Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

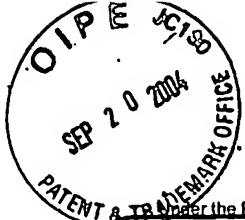
September 16, 2004  
(Date)

James M. Cate  
James M. Cate, Reg. #25,181  
(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.

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TECHNOLOGY CENTER R3700



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/087,866
Filing Date	2/22/02
First Named Inventor	Mark E. Kelly
Art Unit	3761
Examiner Name	Michael G. Mendoza
Attorney Docket Number	MSC-23309-1

Total Number of Pages in This Submission

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Return postcard and NASA Form 1557
<b>Remarks</b> Enclosed: Reply to Office Action Pursuant to 37 C.F.R. 1.111 consisting of 10 pages, NASA Form 1625 (Petition and Fee for Extension of Time (37 CFR 1.136(a)) plus copy, NASA Form 1557 (Letter Transmitting Patent Amendment) plus copy, and return postcard..		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	NASA Johnson Space Center Attn: James M. Cate, Reg. #25,181	<b>RECEIVED</b> SEP 23 2004 TECHNOLOGY CENTER R3700
Signature	<i>James M. Cate</i>	
Date	<i>September 16, 2004</i>	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	James M. Cate, Reg. #25,181		
Signature	<i>James M. Cate</i>	Date	<i>9/16/2004</i>

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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